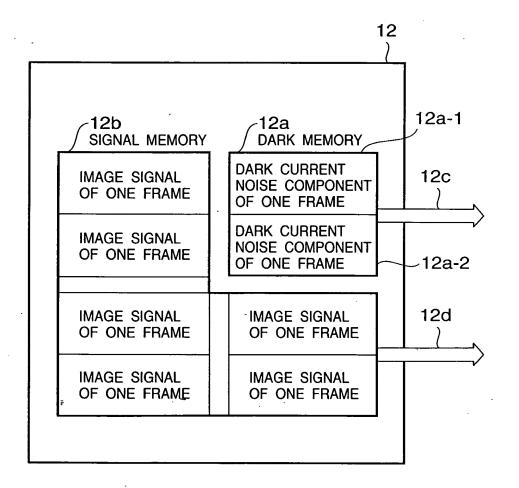
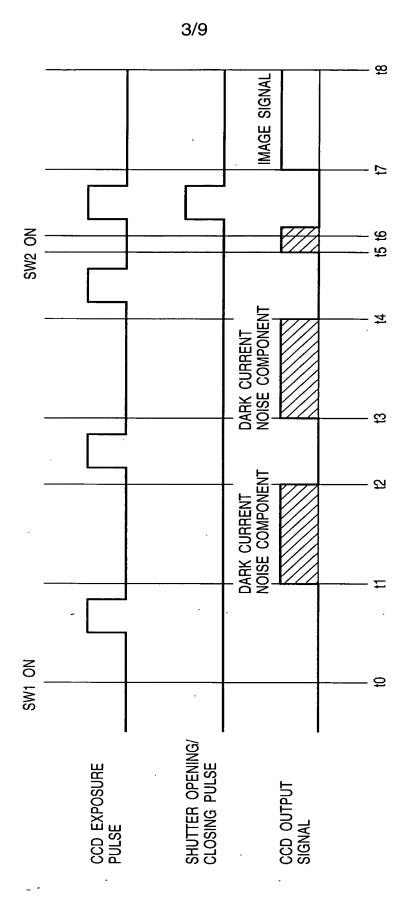


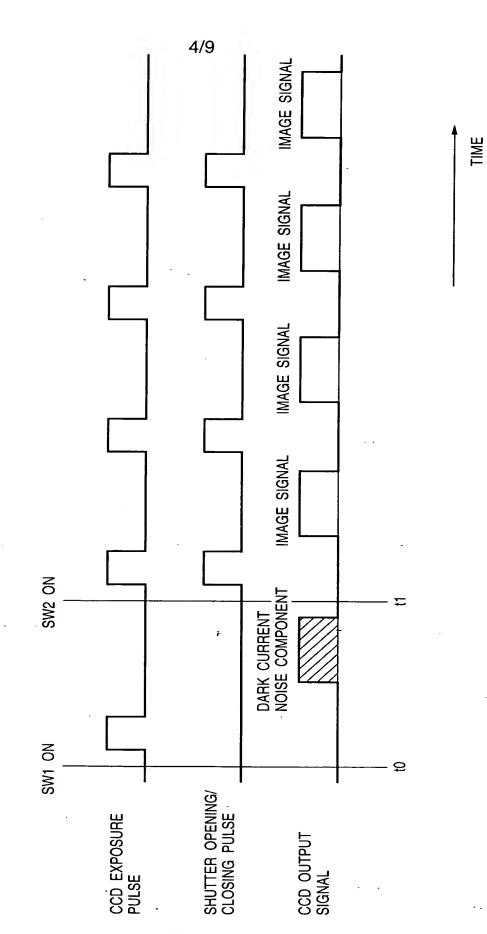
FIG. 2

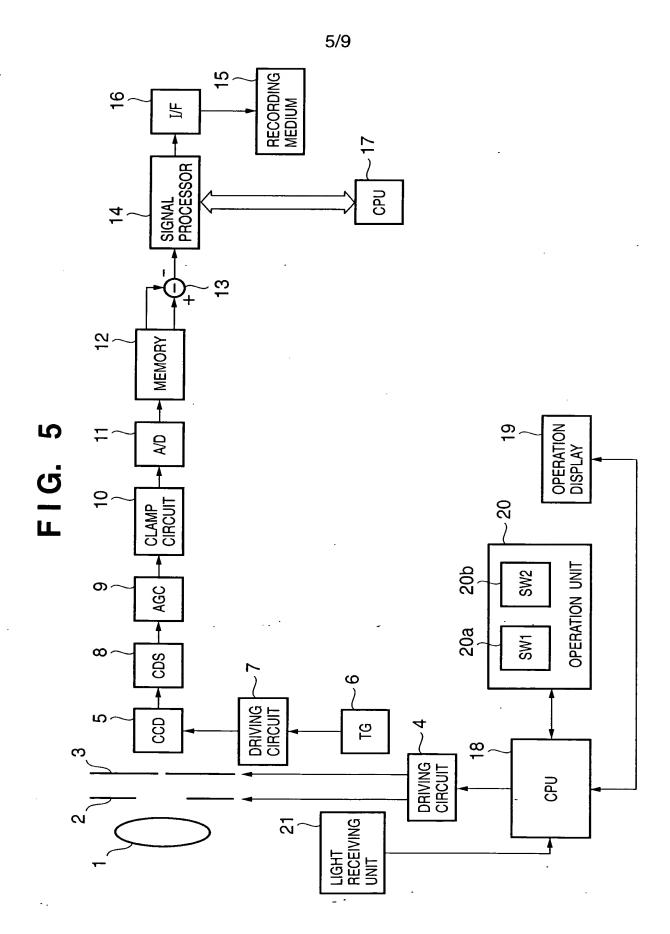




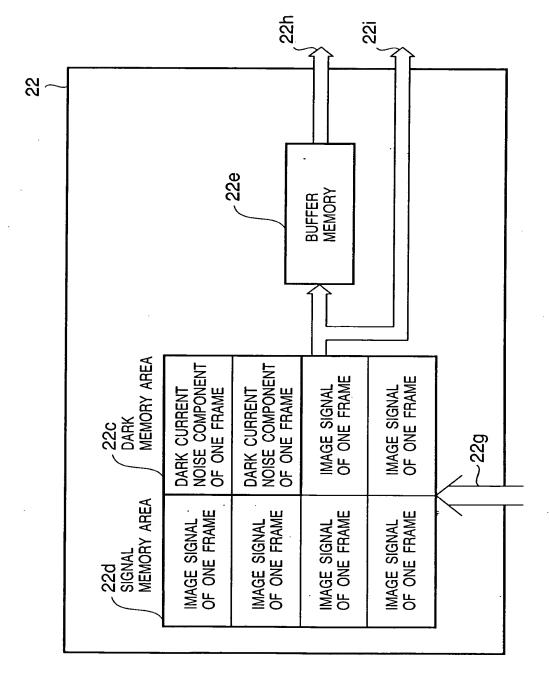
TIME

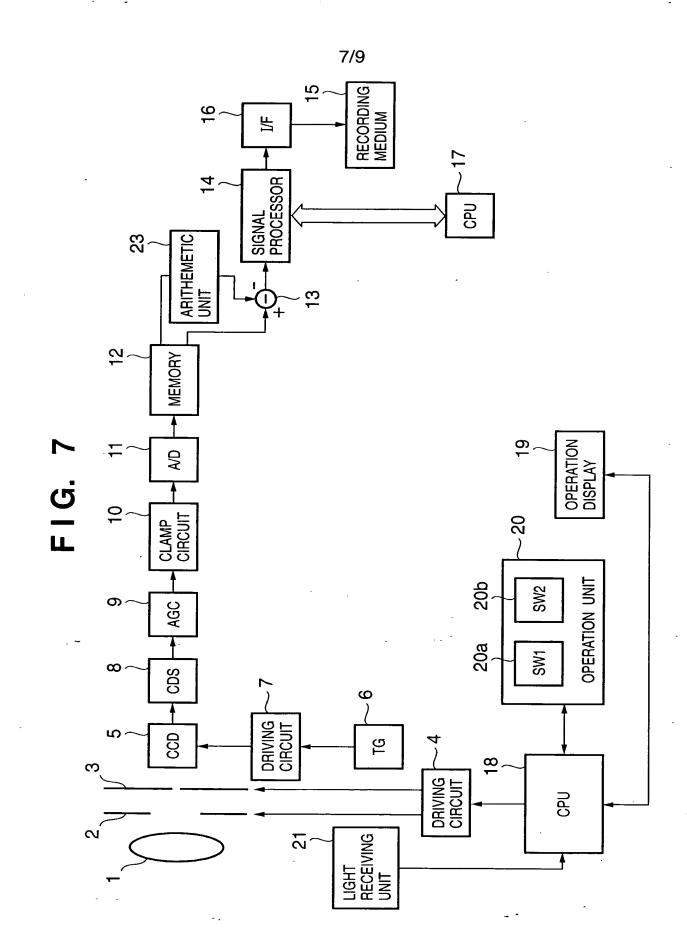
FIG. 4





F1G. 6





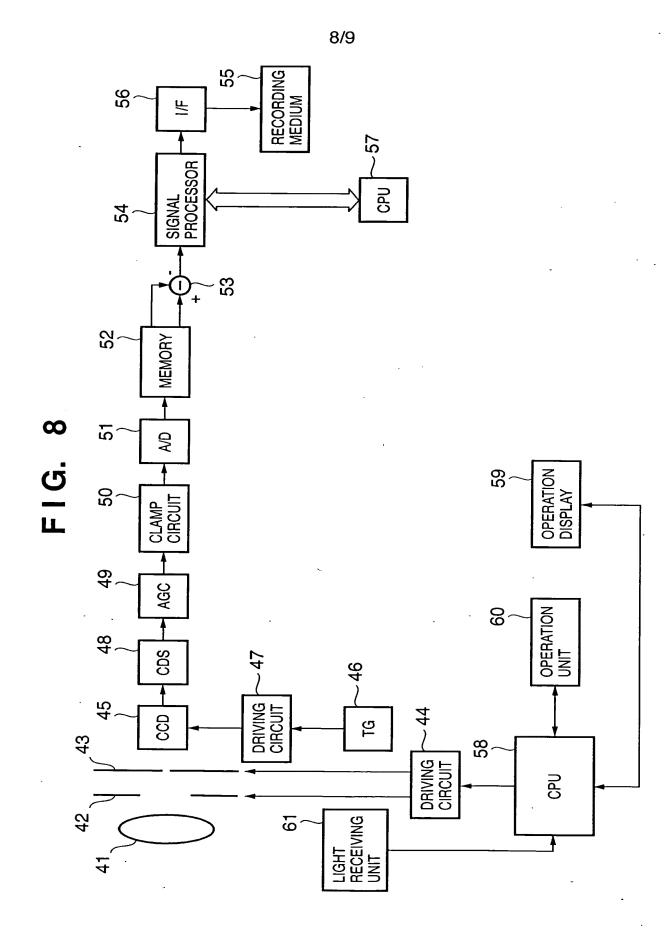


FIG. 9

DARK CURRENT NOISE COMPONENT OF ONE FRAME

IMAGE SIGNAL OF ONE FRAME

IMAGE SIGNAL OF ONE FRAME